

Abstract

An engine control system suited for use with an engine that outputs electrical power to a local load and is electrically connected to an electrical grid. The engine control system includes a set point control operable to set an engine power output value and a sensor operable to measure an electrical parameter between the engine and the electrical grid. A master control system is operable to maintain the engine electrical power at about the engine power output value. The master control system is also operable to vary the engine power output value to maintain the electrical parameter above a predetermined value.

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